

RCA

HANDBOOK DATA SERVICE



RCA
ELECTRON
TUBE
HANDBOOK
HB-3

RCA
SEMICONDUCTOR
PRODUCTS
HANDBOOK
HB-10

TYPES INCLUDED IN HB-3

- Receiving Tubes (Entertainment – Industrial)
- Transmitting Tubes – Magnetrons – Klystrons – Traveling-Wave Tubes
- Cathode-Ray Tubes – Picture Tubes – Storage Tubes
- Phototubes – (Multiplier – Gas – Vacuum) – Photocells
- Vidicons – Image Orthicons – Image-Converter Tubes
- Thyratrons – Ignitrons – Glow-Discharge Tubes
- Rectifiers (Vacuum – Gas)

TYPES INCLUDED IN HB-10

- Transistors (Silicon – Germanium)
- Silicon Rectifiers (High Current – High Voltage)
- Tunnel Rectifiers – Tunnel Diodes
- Silicon Controlled-Rectifiers
- Varactors



RADIO CORPORATION OF AMERICA

ELECTRONIC COMPONENTS AND DEVICES

HARRISON, NEW JERSEY

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HB-6-64
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RCA ELECTRON TUBE HANDBOOK HB-3

Over 6000 Pages of Electron-Tube Data for More Than 1700 Tube Types

Data includes applications, characteristics, maximum ratings, typical operating values, mechanical dimensions, and characteristic curves—

In addition, Special Features of each Section include:

General Section—Comprehensive Table of Contents and Index—General tube information including detailed outline and base drawings.

Cathode-Ray Tube, Storage Tube, & Monoscope Section—Classification Chart and Picture-Tube Replacement Guide to facilitate tube selection—Definitions and detailed charts on tube phosphors (includes Persistence and Spectral-Energy Emission Data).

Photosensitive Device Section—Up-to-date Selection Guide for RCA Photosensitive Devices—Photocell Data Tables and Replacement Directory—Spectral-Sensitivity Charts.

Thyratron, Ignitron, & Glow-Discharge Tube Section—Complete selection guide listing types in increasing order of current- or voltage-handling capability—Also included are practical Grid-Controlled Rectifier Circuits with associated electrical ratio constants.

Receiving Tube Section—A Practical Application Guide for RCA Receiving Tubes listing types best suited for receiving entertainment applications—Design aids such as the resistance-coupled amplifier charts and diode plate-characteristic nomograph.

Receiving-Type Industrial Tube Section—A comprehensive Application Guide for RCA Receiving-Type Industrial Tubes listing types best suited for specific industrial applications—Also included is a list of tube types designed to meet MIL specifications.

Transmitting Tube Section—Simplified tube selection with convenient Selection Guide on RCA Transmitting Tubes and Rectifiers—Guide lists transmitting tubes under 16 classes of operation in increasing order of power for AF, RF telegraphy and telephony, single-sideband, and television service—Also shown is handy reference chart on Circuits for Mercury-Vapor and Gas Rectifier Tubes with associated electrical ratio constants.

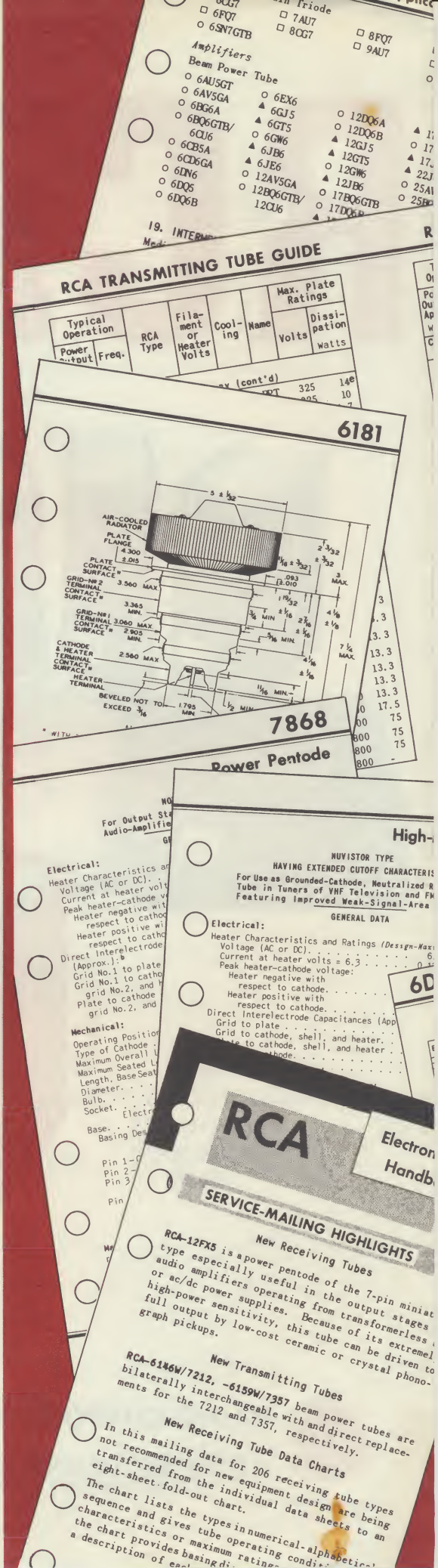
RCA SEMICONDUCTOR PRODUCTS HANDBOOK HB-10

Over 1600 Pages of Semiconductor-Device Data for More Than 600 Transistors, Silicon Rectifiers, Silicon Controlled-Rectifiers, Varactors, Tunnel Diodes, and Tunnel Rectifiers

In addition each Section contains:

General Section—Comprehensive Table of Contents and Index—Complete up-to-date Application and Selection Guides for Transistors and for Silicon Rectifiers, Diodes, Varactors, Tunnel Diodes, and Tunnel Rectifiers—Transistor guide provides information on types best suited for specific applications—Guides are arranged to permit easy selection of a device by its most important characteristics and ratings—Included in this section are Rectifier Circuits and Characteristics Chart useful in design of ac-to-dc power supplies and other general information on semiconductor devices—Also provided is a list of RCA types designed to meet MIL specifications.

Semiconductor Device Section—Applications, characteristics, maximum ratings, typical operating values, mechanical dimensions, and characteristic curves for silicon and germanium transistors, silicon rectifiers, silicon controlled-rectifiers, tunnel diodes, tunnel rectifiers, and varactors.



RCA ELECTRON TUBE HANDBOOK HB-3

This Handbook is supplied in five binders having gold-imprinted black covers. A set of binder labels for identification of contents is included.

RCA SEMICONDUCTOR PRODUCTS HANDBOOK HB-10

This Handbook is supplied in two binders having gold-imprinted red covers.

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